Botanist

**Job Description:** Study plants and their environment.

**What does a Botanists do?**

* Study relationships between plants and humans, including how humans use plants. (Ethnobotanist)
* Collect data about rare plant species and work to protect those species.
* Research plant diseases to help increase fruit crop yields.
* Help feed the world by genetically engineering drought-tolerant crops.
* Genetically engineer new varieties of roses.
* Develop new or improved methods and products for controlling and eliminating weeds, crop diseases, and insect pests.
* Conduct experiments regarding causes of bee diseases and factors affecting yields of nectar and pollen.
* Communicate plant research and project results to the public or teach related courses, seminars or workshops.

**Outlook: Green**

Average Salary - $28.45 hourly, $59,180 annual

Projected Job Openings – 7,000 over the next 10 years

**Your Interests:**

* Do you like to examine things under a microscope?
* Do you like hiking or being in nature?
* Are you good at organizing and classifying things?

**Education/Program of Study:**

* Bachelor’s Degree in Biology, Biochemistry, Agriculture, Horticulture or related field
* Master’s Degree is required for applied research and managerial positions
* Ph.D. is necessary for independent research